

**Foundations of Math 12**  
**Mr. C. Veldkamp Room 536**



**Text:** Math at Work 12 (McGraw Hill-Ryerson)

**Calculator:** TI-83 or 84 Graphing Calculator

\*Many of the topics covered throughout the course will require the use of a graphing calculator. Students may be at a disadvantage if they do not have a graphing calculator for lessons, homework, and exams.

**Evaluation:** Your final mark will be made up of the following:

Major Summative Assessments.....	40%
Probability & Statistics Unit Exam.....	20%
Linear Relations Unit Exam.....	20%
Number Unit Exam.....	20%
Geometry Unit Exam.....	20%
Measurement & Trigonometry Unit Exam.....	20%
Minor Summative Assessments.....	40%
May include:	
• Quizzes	
• Assignments	
• Projects	
Final Exam .....	20%

\*\*Marks distributions shown above are subject to change

**Topics**

Sequence	Unit Name	Textbook Chapters
1	Probability & Statistics	Ch. 1: Measurement & Probability (Sections 1.2-1.4) Ch. 2: Working with Data
2	Linear Relations	Ch. 3: Linear Relations
3	Number	Ch. 4: Real-Life Decisions
4	Geometry	Ch. 5: Properties of Figures Ch. 6: Transformations
5	Measurement & Trigonometry	Ch. 1: Measurement & Probability (Section 1.1) Ch. 7: Trigonometry

## Expectations

### 1. Respect

- Show respect for each other, your teacher and your school.

### 2. Attendance

- Consistent attendance and coming to class on time and prepared are critical for your success. You may not receive credit for the course if you are absent too many times.
- You are responsible for any missed material taught in class.

### 3. Do the Work

- Studying and practice are critical for your success. Use class time wisely and complete assignments.

### 4. Take Responsibility for Learning

- Pay attention, participate, reference notes and practice. Ask questions when you do not understand.
- Seek help from your teacher, friends, family or a tutor.
- Make use of the after school NKLB sessions in the library.

### 5. Assessment

- You are expected to write all assessments. If any Major Summative Assessments are not complete, you may receive a final mark of incomplete and not receive credit for the class.
- If you know you will be absent from an assessment, please speak to your teacher ahead of time to make arrangements for you to write it.
- If you miss an assessment at the last minute you should be prepared to write the assessment on your return to school. Approach your teacher to discuss a time to write.